PTO/SB/08a (01-10)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Application Number		09423698
INFORMATION BIOOLOGUEE	Filing Date		2000-02-10
INFORMATION DISCLOSURE	First Named Inventor	Odile	Leroy
STATEMENT BY APPLICANT ( Not for submission under 37 CFR 1.99)	Art Unit		1645
	Examiner Name	Patricia Ann Duffy	
	Attorney Docket Number		99-849-A

U.S.PATENTS										
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue D	ate	Name of Pate of cited Docu	entee or Applicant ment	Relev	s,Columns,Lines where vant Passages or Relev es Appear	
	1									
If you wis	h to add	l additional U.S. Paten	t citatio	n inform	ation pl	ease click the	Add button.			
			U.S.P	ATENT.	APPLIC	CATION PUBI	LICATIONS			
Examiner Initial*	Cite No Publication Number		Kind Code <sup>1</sup>	Publication  Date		Name of Patentee or Applicant of cited Document		Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		
	1									
If you wis	h to add	additional U.S. Publis	shed Ap	plication	citation	n information p	olease click the Add	d butto	on.	
				FOREIG	N PAT	ENT DOCUM	ENTS			
Examiner Initial*		Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>		Kind Code <sup>4</sup>	Publication Date	Name of Patented Applicant of cited Document	e or	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T5
	1	03/051392	wo		A2	2003-06-26	GlaxoSmithKline Biologicals S.A.			
If you wish to add additional Foreign Patent Document citation information please click the Add button										
			NON	I-PATEN	IT LITE	RATURE DO	CUMENTS			
Examiner Initials*	Cite	Include name of the au (book, magazine, journ oublisher, city and/or c	nal, seria	al, sympe	osium,	catalog, etc), o				<b>T</b> 5

Application Number		09423698	
Filing Date		2000-02-10	
First Named Inventor Odile		Leroy	
Art Unit		1645	
Examiner Name Patric		ia Ann Duffy	
Attorney Docket Number		99-849-A	

1	Steinhoff, M.C. et al. (1994) A randomized comparison of three bivalent Streptococcus pneumoniae glycoprotein conjugate vaccines in young children: effect of polysaccharide size and linkage characteristics. Pediatr. Infect. Dis. J. Vol. 13 (5), pages 368-372.	
2	Chiu, S.S. et al. (1995) Safety and immunogenicity of a pentavalent pneumococcal conjugate vaccine (PPCV) in healthy toddlers. Presented at the 35th Intersc. Conf. Antimicrob. Agents and Chemotherapy, San Francisco Abstr G71, page 171.	
3	Daum, R.S. et al. (1995) Immunogenicity of S Pneumoniae oligo- and polysaccharide- CRM197 conjugate vaccines in healthy US infants. Presented at the 35th Intersc Conf. Antimicrob. Agents and Chemotherapy, San Francisco Abstr G 65, page 170.	
4	O'Brien, K.L. et al. (1996) Immunologic priming of young children by pneumococcal glycoprotein conjugate but not polysaccharide, vaccines Peditar. Infect. Dis. J. Vol. 15 (5) pages 425-430.	
5	Rennels, M.B. et al. (1996) Abstract from Immunogenicity and Safety of 7-Valent Pneumococcal-CRM-197 Conjugate Vaccine. Pediatric Research, Vol. 39 (4) part 2, page 183A. Asbtr 1082.	
6	Shelly, M.A. et al. (1997) Comparison of pneumococcal polysaccharide and CRM197 conjugated pneumococcal oligosaccharide vaccines in young and elderly adults Infection & Immunity Vol. 65(1) pages 242-247.	
7	Kennedy, D. et al. (1994) Immunologic response of 12-18 months old children to licensed pneumococcal polysaccharide vaccine (PS) primed with Streptococcus pneumoinae 19F conjugate vaccine (CV). Presented at the 34th Intersc Conf. Antimicrob. Agents and Chemotherapy Orlando Abstract G88, page 236.	
8	Nieminen, T. et al. (1994) Mucosal and serum immune response to tetravalent pneumococcal (SPn) conjugate vaccines (SpnD and SpnT) in adults. Presented at the 34th Intersc. Conf. Antimicrob. Agents and Chemotherapy Abstract G89, page 236.	
9	Portier, H. et al. (1994) Serum antibody response to a tetravalent pneumococcal tetanus toxoid conjugate vaccine in adult volunteers. Presented at the 34th Intersc. Conf. Antimicorb. Agents and Chemotherapy Abstract G91, page 236.	
10	Keyserling, H. et al. (1994) Immunogenicity of type 14 conjugate vaccine in infants. Presented at the annual meeting of the American Pediatric Society/Society for Pediatric Research Seattle, WA. Abstract 1087, page 184A.	
11	Kennedy, D. et al. (1994) Immunologic response to licensed pneumococcal polysaccharide vaccine (PS) in infants primed with heptavalent Streptococcus pneumoniae conjugated vaccine. Presented at the 34th Intersc. Conf. Antimicrob. Agents in Chemotherapy, Orlando Abstract G90, page 236.	

Application Number		09423698	
Filing Date		2000-02-10	
First Named Inventor	Odile	Leroy	
Art Unit		1645	
Examiner Name Patric		ia Ann Duffy	
Attorney Docket Number		99-849-A	

12	Kayhty, H. et al. (1995) Pneumococcal polysaccharide-menigococcal outer membrane protein complex conjugate vaccine is immunogneic in infants and children. J. Infect. Dis Vol. 172, pages 1273-1278.	
13	Dagan, Ron et al. (1996) Reduction of Nasopharyngeal Carriage of Pneumococci during the Second Year of Life by a Heptavalent Conjugate Pneumococcal Vaccine. The Journal of Infectious Diseases Vol. 174, pages 1271-1278.	
14	SOOD, RAMESH K., ET AL., "Capsular Polysaccharide-Protein Conjugate Vaccines," Research Focus Reviews, DDT, September 1996, pages 381-387, vol. 1, no. 9, Elsevier Science Ltd.	
15	SARNAIK, SHARADA MD, ET AL., "Studies on Pneumococcus Vaccine Alone or Mixed With DTP and on Pneumococcus Type 6B and Haemophilis Influenzae Type b Capsular Polysaccharide-Tetanus Toxoid Conjugates in Two Five-Year-Old Children With Sickle Cell Anemia," Pediatric Infect. Dis. J., vol. 9, pp 181-6 (1990).	
16	ANDREW, P.W., ET AL., "Pneumococcal Vaccines," Freer et al. (Eds.), Bacterial Protein Toxins, Zbl. Bakt. Suppl. 24, 1994, pages 453-466, Gustave Fischer, Stuttgart, Jena, New York.	
17	DAGAN, RON, ET AL., "Reduction of Pneumococcal Nasopharyngeal Carriage in Early Infancy After Immunization with Tetravalent Pneumococcal Vaccines Conjugated to Either Tetanus Toxoid or Diphtheria Toxoid," Pediatr Infect. Dis. J., 1997, pages 1060-1064, vol. 16, no. 11, Williams & Wilkins.	
18	LINDBERG, A. A., "Recent Trends in the Developments of Bacterial Vaccines," Brown F. (ed): New Approaches to Stabilisation of Vaccines Potency. Dev Biol. Stand. Basel, Karger, 1996, pages 59-71, vol. 87.	
19	GREENBERG, DAVID, P., ET AL., "Factors Influencing the Immunogenicity of a Pneumococcal Conjugate Vaccine in Infants + 709," Pediatric Research: April 1997 - Volume 41 - Issue 4, Part 2 - p 121; 1997 Abstracts The American Pediatric Society and The Society for Pediatric Research.	
20	Ahman et al., Abstracts of the 35th ICAAC, 1995, G69, "Immunogenicity of tetravalent pneumococcal (Pnc) conjugate vaccines (PndC, PncT) in Finnish infants.	
21	Schutze et al, 1985, J1, Vol. 135 (4), pp. 2319-2322	
22	DE VELASCO, Alonso, et al., "Microbiological Reviews, 1995, pp. 591-603	

Application Number		09423698	
Filing Date		2000-02-10	
First Named Inventor Odile		Leroy	
Art Unit		1645	
Examiner Name Patric		ia Ann Duffy	
Attorney Docket Number		99-849-A	

23	Insel, 1995, Annuals New York Academy of Science, pp. 35-47.	
24	GALELLI, et al., 1990, Jl., pp. 2397-2405.	
25	BARINGTON, et al., 1993, Infection and Immunity, Vol. 61 (2), pp. 432-438	
26	DI JOHN, et al., 1989, The Lancet, December 16, pp. 1415-1418.	
27	LECLERC, et al., 1990, Jl, Vol. 145 (5), pp. 1343-1349.	
28	CLEMENS, et al., 1995, Annuals New York Academy of Science, pp.255-266.	
29	MOLRINE, et al., 1995, Annals of Internal Medicine, Vol. 123, pp. 828-834.	
30	ANDERSON, et al., 2003, Vaccine, Vol. 21, pp.1554-1559	
31	PEETERS, et al., 1996, Methods In Molecular Medicine, Vaccine Protocols, pp. 111-133.	
32	ANDRE, 1999, Combination vaccines based on DTP, Novel enabling Technologies for Vaccine development, London, 26-27 January 1999.	
33	ANDERSON, et al., 1989, J. Immunol., Vol. 142(7), pp. 2464-2468	

Application Number		09423698	
Filing Date		2000-02-10	
First Named Inventor Odile		Leroy	
Art Unit		1645	
Examiner Name Patric		ia Ann Duffy	
Attorney Docket Number		99-849-A	

34	BUTLER, et al., 1994, J. Infect Dis., Vol. 171(4), pp. 885-889.	
35	DAGAN, et al., 2004, Pediatr Infect Dis J, Vol. 23, pp. 91-98	
36	ELLIS and GRANOFF, 1994, Preface to developmnet and clincial uses of Haemophilus b conjugate vaccines, Marcel Dekker Inc.	
37	ESKOLA et al., 1996, Lancet, Vol. 348, pp. 1688-1692.	
38	TODAR, Kenneth, Department of Bacteriology, University of Wisconsin, Todar's online textbook of bacteriology, 2002, Immune defense against microbial pathogens.	
39	SVENSON and LINDBERG, 1978, J. Immunol. Meth., Vol. 25(4), pp. 323-335.	
40	SVENSON and LINDBERG, 1981, Infect. Immun., Vol. 32(2). pp. 490-496.	
41	WUORIMAA, et al., 2001, J. Infect. Dis., Vol. 184(9), pp. 1211-1215.	
42	WUORIMAA, et al., 2005, Vaccine, Vol. 23, pp. 5328-5332.	
43	SCHNEERSON, et al., 1984, Infect. Immun., Vol. 45(3), pp. 582-591.	
44	CHO, et al., 1995, 35th ICAAC San Francisco, p. 172, abstract.	

Application Number		09423698	
Filing Date		2000-02-10	
First Named Inventor Odile		Leroy	
Art Unit		1645	
Examiner Name Patric		ia Ann Duffy	
Attorney Docket Number		99-849-A	

	45	KUO, et al., July 1995, Inl. Imm., Vol. 63(7), pp. 2706-2713.					
	46	EBY, et al., 1994, Vaccine 94, Pneumococcal Conjugates Vaccines, Modern App Prevention of AIDS, Cold Spring Harbor Press, pp. 119-123.	proaches to N	ew Vaccines Including			
	47	LINDBERG AA., 1991, "Polysaccharide vaccines: vaccines needed for the 1990s Bacteriology, pp. 69-85	s", In; R. Norrl	by (ed) Frontiers In			
	48						
	49						
	50						
If you wish	n to ac	dd additional non-patent literature document citation information please cli	ck the Add b	putton			
		EXAMINER SIGNATURE					
Examiner	Signa	ature /Patricia Duffy/ Date Co	onsidered	10/25/2010			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							
<sup>1</sup> See Kind Codes of USPTO Patent Documents at <a href="www.USPTO.GOV">www.USPTO.GOV</a> or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent documen <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here English language translation is attached.							